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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/661,674	09/14/2000	Mark I. Synder	56180.0900

Daniel R Pote  
Snell & Wilmer LLP  
One Arizona Center  
400 E Van Buren  
Phoenix, AZ 85004-2202



## FORMALITIES LETTER



\*OC000000005531908\*

Date Mailed: 11/06/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/10/2001 SDENB001 00000098 09661674

01 FC:105

130.00 00

SECRET  
#5

**CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8**

I hereby certify that this correspondence and attached documents in response to a Notice to File Missing Parts of Application, pursuant to 37 C.F.R. §1.8, are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box MISSING PARTS, Washington D.C. 20231-9998, on:

Date: January 4, 2001

By Julie A. Eslick  
Signature of person depositing First-Class Mail



**IN THE UNITED STATES PATENT AND PATENT  
TRADEMARK OFFICE**

*TRANSMITTAL OF MISSING PARTS FOR  
PATENT APPLICATION PURSUANT TO  
37 C.F.R. §1.53(d)*

Applicant(s): Mark I. SNYDER, et al.

Docket No.: A61-25423 /  
56180.0900

Serial No.: 09/661,674

Filed: September 14, 2000

TITLE: METHODS AND APPARATUS FOR REAL-  
TIME PROJECTIONS AND RENDERING  
OF GEOSPATIALLY ORGANIZED DATA

Group Art Unit: 2177

Assistant Commissioner for Patents  
Box **MISSING PARTS**  
Washington, D.C. 20231-9998

Sir:

In response to the Notice to File Missing Parts of Application mailed on November 6, 2000 in the above-identified application, enclosed herewith are the missing parts needed to complete filing of the subject patent application.

**1. Small Entity Status**

- [ ] Small entity status under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- [ ] Verified statements to establish small entity status under 37 C.F.R. §§1.9 and 1.27 is enclosed.

## 2. Fee Calculation

Basic Fee (\$690) + surcharge (\$130)					=	\$ 820.00
Total Claims	2 minus	20 =	x	\$ 18.00	=	.00
Independent Claims	2 minus	3 =	x	\$ 78.00	=	.00
Multiple dependent claim fee, if applicable				\$260.00	+	0.00
Fee calculation, request for extension of time pursuant to 37 C.F.R. §1.136(a)						

<input type="checkbox"/> Missing parts filed within <b>first</b> month after due date – add	\$ 110.00	+	N/A
<input type="checkbox"/> Missing parts filed within <b>second</b> month after due date – add	\$ 380.00	+	N/A
<input type="checkbox"/> Missing parts filed within <b>third</b> month after due date – add	\$ 870.00	+	N/A
<input type="checkbox"/> Missing parts filed within <b>fourth</b> month after due date – add	\$1360.00	+	N/A

**Subtotal:** 820.00

If one of the “small entity” boxes above is checked, enter half (1/2) of the Subtotal and subtract. - N/A

Add: Fee (\$40.00) for recording assignment and other fee(s): 40.00

**Less fees submitted with application, Snell & Wilmer’s Check No. 485355** 690.00

**TOTAL FEES ENCLOSED:** 170.00

## 3. Enclosures (check as applicable)

<input checked="" type="checkbox"/> Notice of Missing Parts (copy)
<input checked="" type="checkbox"/> Executed Declaration
<input type="checkbox"/> Power of Attorney
<input type="checkbox"/> Verified Statement(s) of Small Entity Status under 37 C.F.R. §§1.9(c), 1.9(d), and 1.27
<input checked="" type="checkbox"/> Check for <b>remaining fees (Snell &amp; Wilmer’s check No. 282393).</b>
<input checked="" type="checkbox"/> Assignment and required Recordation Form Cover Sheet
<input type="checkbox"/> Information Disclosure Statement pursuant to 37 C.F.R. §§1.97-1.99 (with PTO Form 1449 and copies of citations)
<input checked="" type="checkbox"/> Other: Request for Correction of Filing Receipt Data

### **Extra copies of this letter:**

<input checked="" type="checkbox"/> for charge to deposit account ( <b>deficiency only</b> )
<input checked="" type="checkbox"/> for assignment

## 4. Manner of Payment

☐ Please charge Deposit Account No. 19-2814 in the amount of \$\_\_\_\_\_. **A duplicate copy of this sheet is attached.**

☒ A check in the amount of \$170.00 is attached (Snell & Wilmer Check No. 282393).

**This statement does NOT authorize charge of the issue fee.** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any **deficiency** in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (**deficiency** only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-2814 **for which purpose a duplicate copy of this sheet is attached.**

**5. Assignment**

[ X ] An Assignment of this application is enclosed. Please record the Assignment and return the recorded Assignment to the undersigned attorney.

The Patent and Trademark Office is respectfully requested to send a corrected filing receipt for this application to the undersigned attorney and forward the application for examination.

Respectfully submitted,

By 

Daniel R. Pote  
Reg. No. 43,011

**SNELL & WILMER L.L.P.**  
One Arizona Center  
400 East Van Buren  
Phoenix, Arizona 85004-2202  
(602) 382-6325

**CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8**

I hereby certify that this Request for Correction of Filing Receipt Data is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231:

Date: Jan. 4, 2001

By: \_\_\_\_\_

Julie A. Eslick



PATENT

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

Applicant: Snyder, et al.

Docket No.: 56180.0900

Application No.: 09/661,674

Filed: September 14, 2000

Title: **METHODS AND  
APPARATUS FOR REAL-  
TIME PROJECTION AND  
RENDERING OF  
GEOSPATIALLY  
ORGANIZED DATA**

Group Art Unit: 2177

***REQUEST FOR CHANGE OF  
FILING RECEIPT DATA***

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Thank you for the "Filing Receipt for Patent Application" in the above-identified application.

In the Applicant(s) section, please change Mark I. Synder to Mark I. **Snyder** and change Matt Hillbert to Matt **Hilbert**.

Please add the following to the section entitled Continuing Data as Claimed by Applicant:

**Claims priority of 60/153,900 09/14/1999**

For your convenience, we have enclosed a copy of the Filing Receipt with the requested changes noted thereon. With the requested corrections, the Filing Receipt will agree with the Application as filed.

We look forward to receiving a corrected Filing Receipt for this application.

If you should have any questions, please do not hesitate to contact the undersigned at the telephone number listed below.

Respectfully submitted,

By



Daniel R. Pote

Reg. No. 43,011

**SNELL & WILMER L.L.P.**

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400 East Van Buren

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/661,674	09/14/2000	2177	690	56180.0900	4	2	2

RECEIVED

Daniel R Pote  
Snell & Wilmer LLP  
One Arizona Center  
400 E Van Buren  
Phoenix, AZ 85004-2202

NOV 09 2000

## FILING RECEIPT



\*OC000000005531907\*

SNELL &amp; WILMER

JAN 08 2001

Date Mailed: 11/06/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

*Snyder*  
Mark I. Snyder, Glendale, AZ ; ✓  
Gary Teskey, Glendale, AZ ; ✓  
Blake W. Wilson, Glendale, AZ ; ✓  
*Hilbert*  
Matt Hilbert, Glendale, AZ ; ✓  
Mike B. Adams JR., Scottsdale, AZ ; ✓  
Karl L. Chase, Glendale, AZ ; ✓

## Continuing Data as Claimed by Applicant

→ NO mention of priority claim (0)153,900 (9-14-99)  
Foreign Applications

If Required, Foreign Filing License Granted 11/03/2000

## Title

Methods and apparatus for real-time projection and rendering of geospatially organized data ✓

## Preliminary Class

707

Handwritten: Correct filing attempt w/ resp due 1-6-01  
file://C:\APPS\PreExam\correspondence\1\_A.xml

11/3/00

